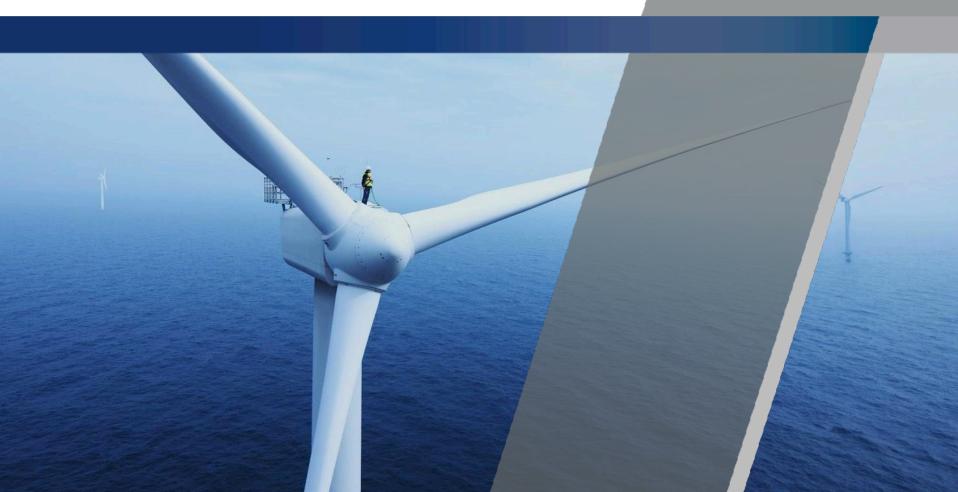
Block Island Wind Farm CVA

Status Update Project Verification

Presented by **Theodore Hofbauer** Director Power Sector

March 22, 2016





Status of BIWF - Overview

ABS Status Update Topics

- FDR and FIR for 2016 work
- Manufacturing Status
- Installation Status

FDR and FIR for 2016 Activities

- FDR and FIR documents received for wind turbine, export cable, and substructure
- ABS has issued DCS's to clarify questions or request additional information
- ABS and DWBI are coordinating to close all open items
- FIR will be updated with additional information:
 - 8 weeks prior to start of wind turbine installation
 - 8 weeks prior to start of wind turbine commissioning (as agreed between the parties and CRMC)

Manufacturing Status

Wind Turbine (GE/Alstom)

- ABS visited assembly facility in St. Nazaire, France March 8-11
 - 5 BIWF units in various stages of completion
 - One PM generator factory acceptance test completed
 - Quality Control is very good.
- ABS will return to witness FAT (Functional Acceptance Test) of generator #3 as well as critical steps of rotor nacelle assembly and test

Installation Status

Export Cable

Installation moved up to begin April 2016

Substructures

- Finish work scheduled May 2016
 - Grouting
 - Sealing tops of legs
 - Final painting
 - Punch list items

Wind Turbines

- Pre-Assembly of T1-sections ongoing at ProvPort
 - ABS Surveillance Feb 22-23, Mar 19-21
 - QC and EHS observed to follow best practice
- Offshore installation scheduled to begin July 2016
- Commissioning scheduled to begin August 2016

Current ABS 2016 surveillance is planned for one turbine to be observed during construction, installation and commissioning

Overview – Status of Phases

[2015		2016	
	Substructure	Turbine (Loads and Type Cert)	Turbine (Project specific changes)	Cable and BOP
FDR	Complete*	Complete	Received, closing open items through DCS	Received, closing open items through DCS
FIR	Complete**	Received, closing open items through DCS		Received, closing open items through DCS
Fabrication	Complete	Ongoing		Complete
Installation	Finish work scheduled May 2016	Scheduled July 2016		Scheduled May2016
Operation	Scheduled November 2016			

^{*} Changes made by Keystone Engineering following initial completion and submittal by DWBI. FDR requires revision submittal to CRMC

^{**} Changes to installation sequence and schedule from 2015 FIR. FIR requires revision submittal to CRMC

Next Steps

- Complete review of 2016 FDR and FIR
- Witnessing of ongoing activities (France, ProvPort)

